ANTONOV, V.S.

Methods of forecasting spring break-up of ice in the estuary regions of rivers emptying into the Laptev Sea. Trudy ANII 209:5-68 '58.

(MIRA 12:7)

(Laptev Sea region—Ice on rivers, lakes, etc.)

PHASE I BOOK EXPLOITATION SOV/4149

Leningrad. Arkticheskiy i Antarkticheskiy nauchno-issledovatel'skiy institut

Problemy Arktiki; sbornik statey, vyp. 7 (Problems of the Arctic; Collection of Articles, No. 7) Leningrad, Izd-vo "Morskoy transport," 1959. 135 p. 900 copies printed. [illegible]

Additional Sponsoring Agency: USSR. Ministerstvo morskogo flota.

Resp. Ed.: V.V. Frolov; Editorial Board: L.L. Balakshin, A.A. Girs, P.A. Gordiyenko (Deputy Resp. Ed.), I.M. Dolgin, L.G. Kaplinskaya, A.A. Kirillov, Ye.S. Korotkevich, V.V. Lavrov, I.V. Maksimov, A.I. Ol', I.I. Pozdnyak, and B.V. Polinov; Tech. Ed.: L.P. Brodskina.

PURPOSE: The publication is intended for geographers, oceanographers, and particularly for all those interested in the studies of Arctic and Antarctic regions.

COVERAGE: This collection of 19 articles is the seventh of a series of publications dealing with problems of the Arctic and Antarctic. The articles deal mainly with the characteristics of water in the Barents Sea, hydrological conditions in the estuaries of Siberian rivers, types of atmospheric circulation in the Arctic, distribution of the hydrological stations in the Soviet Arctic, magnetic storms and their effect on radio communications. Included is brief information on Soviet meteorological and oceanographical expeditions. References accompany most of the articles. No personalities are mentioned.

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ANTONOV, V.S.; BURDYKINA, A.P.; FEDOROV, M.K.

Exploration of river estuaries in northern Siberia. Probl.
Arkt. i Antarkt. no. 4:38-51 '60. (MIRA 13:12)
(Siberia--Estuaries)

ANTONOV, V.; VETRINSKIY, V.

Flight preparation in winter. Kryl.rod. 11 no.1:18-19
Ja '60. (MIRA 13:5)
(Airplanes--Cold weather operation)
(Aeronautics--Safety measures)

ANTONOV, V.S.

Causes of the peculiar state of the ice cover in one of the Arctic Ocean regions; (based on the 1956 observations. Izv.Vses.geog. ob-va 92 no.4:353-356 Jl-Ag '60. (MIRA 13:8)
(Arctic ocean--ice)

ANTONOV, V.S.

Hydrological reconnaissance of the mouth of the Yana River in 1960. Probl. Arkt. i Antarkt. no.9:102-104 '61. (MIRA 15:1)
(Yana River Estuary--Hydrology)

S/169/62/000/001/064/083
D228/D302

AUTHOR: Antonov, V. S.

TITLE: Variability of the rate of ice drift in the Arctic Ocean

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 1, 1962, 16, abstract 1V100 (Tr. Gos. okeanogr. in-ta, no. 64, 1961, 419-425)

TEXT: The drift of "СП-6" (SP-6) agrees with the seasonal nature of the synoptic conditions. It is noted that drifting progressively accelerates on the movement of ice floes from "west" to "east", and that the drifting depends both on the speed of the current of the surface ocean waters and on the strengthening of the influence of the resulting wind. It is established that the ratio size of the extent of the general to the total drift varies linearly. Graphs are given for the rate of evacuational and general drift. [Abstractor's note: Complete translation.]

Card 1/1

ANTONOV, V.S.

Effect of streamflow on the freezing of the mouths of rivers in the shore area of the Laptev Sea. Trudy AANII 213:5-37 '61.

(MIRA 14:6)

(Laptev Sea region--Ice on rivers, lakes, etc.)

ANTONOV, V.

Feasibility of lengthening the navigation season in the lower Yenisey. Mor. flot 21 no.6:34-35 Je '61. (MIRA 14:6)

1. Arkticheskiy i Antarkticheskiy nauchno-issledovatel'skiy institut.
(Yenisey River--Navigation)
(Ice on rivers, lakes, etc.)

ANTONOV, V.

Natural condtions for the breaking up of the ice cover in the costal zone of the Arctic Seas. Mor.flot 19 no.8:24-25 Ag '59. (MIRA 12:11)

1. Rukovoditel' otdela Arkticheskogo i Antarkticheskogo nauchno-issledovatel'skogo instituta.

(Arctic regions--Ice)

ANTONOV, V.S.

Variations in the speed of ice drift in the Arctic Ocean. Okeanologiia 1 no.3:418-425 '61. (MIRA 16:11)

1. Arkticheskiy i antarkticheskiy nauchno-issledovatel'skiy institut.

ANTONOV, V.S.

Unprecedented hail in Voronezh. Meteor. i gidrol. no.3:48-49 Mr '62.
(MIRA 15:3)
(Voronezh--Hail)

ANTONOV, V.S.

Relation between vertical currents and the temperature of intensive crystallization in frontal stratus clouds. Meteor. i gidrol. no.6: 15-19 Je '62. (MIRA 15:6)

(Cloud physics)

ANTONOV, V.S.

Remarks on the nomogram for the calculation of continuous precipitations. Meteor.i.gidrol. no.9:54-57 S '63. (MIRA 16:10)

ANTONOV, V.S.

Determination of seasonal boundaries for the lower reaches of Arctic rivers. Probl. Arkt. i Antarkt. no.13:13-18 '63. (MIRA 16:9)

(Siberia—Seasons)

ANTONOV, V.S., doktor geograf.nauk

Power of Siberian rivers and the Northern Sea Route. Priroda 52 no.6:25-33 '63.
(MIRA 16:6)

1. Arkticheskiy i Antarkticheskiy nauchno-issledovatel'skiy institut, Leningrad.

(Siberia--Navigation)
(Siberia--Hydroelectric power stations)

[illegible]

[illegible]

[illegible]

L 24478-65 EWT(1)/FCC Pi-4 GW

ACCESSION NR: AP5001956 S/0049/64/000/012/1885/1888

24
24
B

AUTHOR: Antonov, V. S.; Wang, Ming-k'ang; Polovina, I. P.

TITLE: The thermodynamic conditions required to produce rain from supercooled strata

SOURCE: AN SSSR. Izvestiya. Seriya geofizicheskaya, no. 12, 1964, 1885-1888

TOPIC TAGS: supercooled cloud, crystallization, artificial rain, vertical current, temperature change, dry ice, layer cloud

12

ABSTRACT: This study deals with artificial rain making methods applicable to layer clouds (strata) characterized by vertical air movements at a rate of ~1 cm/sec. Numerous experiments have already been carried out on artificial rain making but the results are still largely contradictory. The experiments in artificial rain making by the use of dry ice carried out during the last few decades in the Soviet Union have been compared with those carried out abroad, but the limited information on the western experiments made meaningful comparisons impossible. However, it is now possible to calculate the conditions required to make supercooled strata produce rain. It should be pointed out, in this connec-

Card 1/2

L 24478-65

ACCESSION NR: AP5001956

2

tion, that if the temperature at the upper boundary of the stratus under consideration is close to zero, the rain-making conditions will be largely determined by the cloud parameters. This is why seemingly identical strata can sometimes be made to produce rain at such temperatures, and sometimes not. "The authors are grateful to L. K. Kachurin for the proposed theme and the supervision of the experiment." Orig. art. has: 3 formulas and 1 figure.

ASSOCIATION: Leningradskiy gidrometeorologicheskiy institut (Leningrad hydrometeorological institute)

SUBMITTED: 20Nov63 ENCL: 00 SUB CODE: ES

NO REF SOV: 009 OTHER: 006

Card 2/2

ANTONOV, V.S.

New data on the quantity of liquid flow of the Siberian rivers discharging into the Arctic seas. Probl. Arkt. i Antarkt. no.17: 73-76 '64. (MIRA 18:4)

ANTONOV, V.S.; IVANOV, V.V.; NALIMOV, Yu.V.

Typical characteristics of the ice regime of navigable rivers in the Arctic region. Probl.Arkt.i Antarkt. no.15:11-17 '64.

(MIRA 17:4)

ANTONOV, V.S.

Anomalies of the increased flow of rivers in the Arctic and sub-Arctic zones of Siberia. Probl. Arkt. i Antarkt. no.18: 24-30 '64. (MIRA 18:3)

ANTONOV, V.S.

Influence of streamflow on the ice cover of Arctic bodies of water. Trudy AANII 268:6-56 '65.

(MIRA 18:3)

ANTONOV, V.S.; GILYAROV, N.P.; IVANOV, V.V.

Experimental studies of the water regime of the Ob' Delta. Probl. Arkt. i Antark. no.20:23-30 '65. (MIRA 18:10)

ANTONOV, V. V., gornyy inzh.; NAMAKSHTANSKIY, V. Ya., gornyy inzh.

Rapid drifting with a wide working face. Ugol' Ukr. 7 no.4:
34-35 Ap '63. (MIRA 16:4)

1. Kombinat "Donetskugol'".

(Donets Basin--Coal mines and mining)

L 20822-66 EEC(k)-2/EIA(h)/EWT(1)

ACC NR: AP6007161

SOURCE CODE: UR/0115/65/000/012/0013/0016

AUTHOR: Antonov, V. V.; Polisskiy, Yu. D.; Tsingaus, V. Kh; Grigor'yev, Ye. G.; Belkova, M. M.

42

ORG: none

B

TITLE: Some methods for eliminating the error due to sweep nonlinearity in photo-pulse devices 25

SOURCE: Izmeritel'naya tekhnika, no. 12, 1965, 13-16

TOPIC TAGS: photoelectric cell, industrial automation, error minimization

ABSTRACT: A photoelectric system of automatic control of rolling-mill-product dimensions is considered; specifically, the error due to nonlinearity of the mechanical sweep of the ⊓-shaped pulse is analyzed, and these two methods for the error elimination are suggested: (1) Generation of a nonuniform sequence of filling scale pulses by an LC-oscillator; (2) Same, by an RC-oscillator. In the first method, the scale-pulse frequency is calculated by a variable capacitor whose plates are shaped to compensate for the nonlinearity of the sweep. In the second case, the same results are achieved by calculating a luminous flux falling on a photoresistor or by calculating the intensity of a light source. Only the theory of the methods is presented. Orig. art. has: 5 figures and 22 formulas.

SUB CODE: 09,14/ SUBM DATE: none / ORIG REF: 001

Card 1/1 CU

UDC: 621.373.431.2.088:531.71

L 28444-66 EWT(1) SCTB DD

ACC NR: AP6015411 SOURCE CODE: UR/0216/66/000/003/0346/0354

AUTHOR: Gaydamakin, N. A.; Petrukhin, V. G.; Antipov, V. V.; Saksonov, P. P.; Shashkov, V. S.

ORG: none

28

TITLE: Pathomorphological changes in hematopoietic organs of mice during the combined action of certain types of ionizing radiation and dynamic spaceflight factors

SOURCE: AN SSSR. Izvestiya. Seriya biologicheskaya, no. 3, 1966, 346-354

TOPIC TAGS: mouse, biologic acceleration effect, biologic vibration effect, radiation biologic effect, hematopoiesis, bone marrow, radiation injury, synergy

ABSTRACT: The synergistic effect of ionizing radiation and vibration or transverse acceleration on the spleen and bone marrow was investigated in 9 series of experiments on 245 male mice. In the 1st and 2nd series experimental animals were exposed to a 1-hr vibration (70 cps) period 1 or 3 days before proton irradiation with a 830 to 875 rad dose. In the 3rd and 4th series experimental animals were exposed to the same vibration period 3 or 5 days following irradiation. In the 5th series

Card 1/2

L 28444-66

ACC NR: AP6015411

experimental animals were exposed to the action of transverse acceleration applied 10 times over a 30 min period 23 hr before gamma irradiation with a 700 r dose, and in the 6th series the transverse acceleration action was applied 24 hr following irradiation. The 7th, 8th and 9th series served as controls. Animals were observed over a 60-day period to determine pathomorphological changes of the spleen and bone marrow by microscopic investigation. Study data show that the combined action of ionizing radiation and vibration or transverse acceleration markedly changes the degree and nature of pathomorphological shifts in hematopoietic organs. Exposure to vibration 3 days and particularly 1 day prior, to irradiation intensified the depletion of spleen and bone marrow and accelerated the restoration of all the hematopoietic processes. The effect of vibration applied 3 days and particularly 5 days after irradiation markedly increased destructive changes; during the recovery period necrotic foci appeared in the bone marrow and spleen, and reparative processes were prolonged. Transverse acceleration applied 24 hr prior to gamma irradiation reduced depletion of the hematopoietic organs and accelerated their reparation. Transverse acceleration applied 24 hr after irradiation did not affect radiation injuries of the hematopoietic organs. Orig. art. has: 6 figures. [06]

SUB CODE: 06/ SUBM DATE: none/ ORIG REF: 020/ ATD PRESS: 5005

Card 2/2 LC

ANTONOV, V.V., gornyy inzh.; NAMAKSHTANSKIY, V.Ya., gornyy inzh.

Making 451m of crosscut in one month at the No.3 "Novo-Grodovka" Mine. Ugol' 38 no.8:32-34 Ag '63. (MIRA 17:11)

1. Kombinat Donetskugol'.

[illegible]

[illegible]

[illegible]

USSR

GSSR

- 8 -

26-27 Apr 63

1st Session, Sup Sov, GSSR, Sixth Convocation.
[Cont from card 7, see GEDZHADZE, V. N., same date]
Commission for Industry and Transportation was elected with
KHVEDELIANI, Ya. R., Deputy, Navtlugskiy e. o., Tbilisi, as Chairman and members:
ANTONOV, V. V., Deputy, Vazha Pshavel e. o., Kutaisi,
ZHVANIYA, N. A., Deputy, Ordzhonikidze e. o., Tbilisi,
KARUMIDZE, I. G., Deputy, Ordzhonikidze e. o., Poti,
TITBERIDZE, Sh. A., Deputy, Guramishvili e. o., Rustavi,
KANTARIYA, M. V., Deputy, Ochamchirskiy e. o., Ochamchire, Abkhas ASSR,
ZEREKIDZE, I. I., Deputy, Zavodskoy e. o., Tbilisi,
DZHORBENADZE, P. I., Deputy, Gogebashvili e. o., Batumi, Adzhar ASSR,
BEZARASHVILI, Sh. M., Deputy, Dzerzhinskiy e. o., Kutaisi,
GOGOBERIDZE, V. D., Deputy, Gantiadskiy e. o., Gudautskiy district, Abkhas ASSR,
BAAKASHVILI, I. S., Deputy, Marneul'skiy e. o., Marneul'skiy district,
OBOLADZE, G. I., Deputy, Digomskiy e. o., Tbilisi,
ILARISHVILI, M. A., Deputy, Leninskiy e. o., Gori
[Cont on card 9, see KILADZE, D. V., same date]

Zarya vostoka, 27 Apr 63

(13) 72

ANTONOV, V. V.

An article in Zarya Vostoka, 17 Apr 53, states that V. V. ANTONOV is acting chief engineer of Kuybyshevgidrostroy (Administration for Construction of Kuybyshev Hydroelectric Center.

SO: CIA OOW-28123, 2 Oct 1953, Confidential cm

ANTONOV, V. Ya.

D. N. TAL'GNINSKIY (?gniaskiy), Col. Vet. Corps; N. A. KOLABSKIY, Maj. Vet.C and V. Ya. ANTONOV, 1st Lt., Vet. Corps.

"Mange in Reindeer and its Treatment" (IV)

Bolezni Loshadey (Equine Diseases), 1947, Chap. 1 - Infectious and Invasive Diseases, p 76
A Collection of Works, compiled by A. Yu. Franzburg and A. Ya. Shapiro, under Editorship of A. M. Iaktionova, State Press for Agric. Lit. Mostly previously published in Veterinariya or in manuals issued by the Vet. Admin. of the Armed Forces USSR.

W-9922, 1 May 1950, p 2

ANTONOV, V. Ya., VLASOV, V. M., KRIVONOSOV, V. S., BELOKHVOSTOV, A. G. and SKVORTSOV, V. S.

"Treatment of herpes tonsurans..."
Veterinariya, vol. 39, no. 2, February 1962 pp. 24

L 52082-65 EXT/EED-2/EWT(d)/EEC(f)/EWP(1) Pg-4/Pk-4/Pq-4 IJP(c) GG/BB
ACCESSION NR: AP5015346
UR/0286/65/000/009/0094/0094
681.142.652.2

23
8

AUTHOR: Antonov, V. V.

16

TITLE: A method for information retrieval in a permanent transformer storage unit. Class 42, No. 170762

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 9, 1965, 94

TOPIC TAGS: computer memory, information retrieval, switching circuit

ABSTRACT: This Author's Certificate introduces a method for information retrieval in a permanent transformer storage unit with sequentially interconnected numerical lines by gating a readout pulse in an interconnected numerical line. The method is designed for increasing the amplitude of the output signals and the speed. Impedance switching along the length of the numerical line is used for this purpose by shunting the output (discharge) windings to correspond with the reverse switching function $F(z)$ with respect to the switching function $f(z)$ for selection along the third coordinate z of the transformer matrix.

L 52087-65

ACCESSION NR: AP5015346

ASSOCIATION: none

SUBMITTED: 23Feb63 ENCL: 00 SUB CODE: DP

NO REF SOV: 000 OTHER: 000

BJB

Card 2/2

L 52114-65

ACCESSION NR: AP5015347

UR/0286/65/000/009/0094/0095
681.142.652

8

AUTHOR: Antonov, V. V.; Markin, N. I.

TITLE: A device for winding information coils for a permanent transformer memory using resettable ferrite cores. Class 42, No. 170763

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 9, 1965, 94-95

TOPIC TAGS: coil winder, resettable core, ferrite core memory

ABSTRACT: This Author's Certificate introduces a device for winding information coils for a permanent transformer memory using resettable ferrite cores. The mechanism is designed for improving the efficiency of the core winding process, increasing the space factor of the core opening and storage volume and increasing the signal-to-noise ratio (improving the quality and reliability of the winding). The device contains a balanced rotating disc with coil forms mounted along the circumference and movable sectional teflon guides located on the outside edge of the disc beyond the coil forms. The guides are situated parallel to the longitudinal axes of the coil forms to make smooth shaping slots opposite the direct axes of symmetry of

Card 1/3

L 52114-65

ACCESSION NR: AP5015347

the forms. The shaping slots are spaced to equal the technological output of a bundle of information coils from the cores. The device also has signal flags located next to each coil form.

ASSOCIATION: none

SUBMITTED: 16Oct63 ENCL: 01 SUB CODE: IE, DP

NO REF SOV: 000 OTHER: 000

Card 2/3

L 52114-65

ACCESSION NR: AP5015347

ENCLOSURE: 01

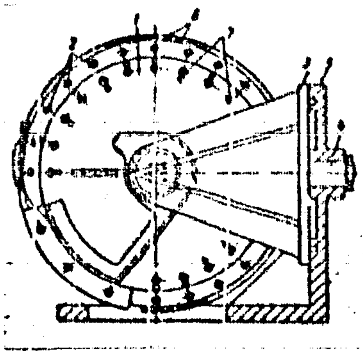

Fig. 1. 1--balanced rotating disc; 2--coil forms; 3--bracket; 4--pivot; 5--base; 6--teflon guides; 7--signal flags

Card 3/3

ANTONOV, V. Ya.

PA 12/49T66

USSR/Engineering
Peat Industry
Peat - Drying

Aug 48

"Rationalization in the Overflow of Hydropeat (From Work Experience of the Enterprises of the Shatursk Peat Trust)," V. Ya. Antonov, Engr, 1¼ pp

"Torf Prom" No 8

Describes various improvements in the working of hydropeat.

12/49T66

Cand. Technical Sci.

ANTONOV, V. Ya.

"Mechanization of the Primary Operation of Drying of Lump Peat." Sub 20 Nov 51, Moscow Peat Inst.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55.

[illegible], [illegible] IA.

(2. perer.)

(The drying and gathering of peat turfs) Moskva, Gos. energ. izd-vo, 1952.
131 p. (52-67839)

TN837.A67 1952

1. Peat.

BAUSIN, A.F.; SOKOLOV, A.A.; ANTONOV, V.Ya.; KURDYUMOV, S.V.; BEL'KEVICH, P.I.; SAVINYKH, A.I.; KARAKIN, F.F.; SOLOPOV, S.G.; YEFIMOV, V.S.; YARIVITSIN, V.I.; RABKIN, B.A.; BABARIN, A.F.; MATVEYEV, L.[illegible].; FUNIKOV, S.A.; CHERNENKOV, D.P.; BULAYEVSKIY, N.V.; kandidat tekhnicheskikh nauk; SHINKARINK, K.K.; TSUPROV, S.A.; GINZBURG, L.N.; VASIL'YEV, Yu.K.

Scientific and technical conference on the work of the peat industry of the Ministry of Electric Power Stations. Torf.prom. 32 no.2:1-20 '55. (MLRA 8:5)

1. Zamestitel' ministra elektrostantsiy (for Bausin). 2. Zamestitel' direktora VNIITP (for Sokolov). 3. Zamestitel' direktora MTI (for Antonov. 4.Zamestitel' direktor "'krailnesttopprom"(for Kurdyunov). 5. Direktor Instituta torfa AN BSSR(for Bel'kevich). 6. Nachal'nik Glavenergozapchasti MES(for Savinykh). 7. Glavnyy inzhener Ivanovskogo torfotresta (for Karakin). 8. Zamestitel' direktora MTI (for Solopov) 9. Upravlyayushchiy Shaturskogo torfotresta (for.Yefimov). 10. Glavnyy mekhanik Invanosvkogo torfotresta (for Yarovitsin). 11. Glavnyy mekhanik Leningradskogo torfotresta (for Rabkin). 12. Glavnyy inzhener Ozeretsko-Neplyuyevskogo torfopredpriyatiya (for Babarin). 13. Glavnyy inzhener Gor'kovskogo torfotresta (for Matveyev). 14 Rukovoditel' laboratorii VNIITP (for Funikov). 15. Glavnyy inzhener tresta Lentorfostroy (for Chernenkov).

(Continued on next card)

VELLER, M.A., professor; ABKHAZI, V.I., kandidat tekhnicheskikh nauk; ANTONOV, V.Ya., dotsent; VLASOV, V.P., kandidat tekhnicheskikh nauk; KIRYUDCHEV, A.M., kandidat tekhnicheskikh nauk; RAPIOVETS, I.L., dotsent; SIPKIN, M.A., dotsent; YEFIMOV, P.N., redaktor; LARIONOV, G.Ye., tekhnicheskiy redaktor

[Hydro peat technology] Tekhnologiia gidrotorfa. Izd. 2-oe, perer. Pod red. M.A.Vellera, Moskva, Gos.energ. izd-vo, 1956. 362 p.
(Peat industry) (MLRA 9:11)

ANTONOV, V.Ya.

Present-day trends in the winning of milled peat with low moisture content for the manufacture of semibriquets. Torf. prom. 35 no. 4:29 '58. (MIRA 11:7)

1. Zaveduyushchiy kafedroy tekhnologii dobychi i sushki torfa Moskovskogo torfyanogo instituta.
Peat)

ANTONOV, V.Ya., dotsent, kand.tekhn.nauk; BELOVIDOV, I.D., dotsent. kand.tekhn.nauk; BELOKOPYTOV, I.Ye., dotsent, kand.sel'skokhoz.nauk; GORYACHKIN, V.G., prof., doktor.tekhn.nauk; ZYUZIN, V.A., starshiy prepodavatel'; SEMENSKIY, Ye.P., dotsent, kand.tekhn.nauk; CHULYUKOV, M.A., dotsent, kand.tekhn.nauk; VARENTSOV, V.S., dotsent, kand.tekhn.nauk, red.; BORUNOV, N.I., tekhn.red.

[General course in the technology of peat winning] Obshchii kurs tekhnologii torfodobyvaniia. Moskva, Gos.energ.izd-vo, 1959. 339 p. (MIRA 13:2)

1. Chlen-korrespondent AN BSSR (for Goryachkin).
(Peat industry)

ANTONOV, V.Ya., kand.tekhn.nauk; YENOSHEVSKIY, B.A., inzh.

Milling lowland peat deposits. Torf. prom. 38 no.8:4-6 '61.
(MIRA 14:12)

1. Kalininskiy torfyanoy institut (for Antonov). 2. Torfopredpriyatiye Pal'tso Bryanskogo sovnarkhoza (for Yenoshevskiy).
(Peat machinery)

ABKHAZI, V.I.; ANTONOV, V.Ya.; BELOKOPYTOV, I.Ye.; VARENTSOV, V.S.; GORYACHKIN,
V.G.; ZYUZIN, V.A.; KRYUKOV, M.N.; KUZHMAN, G.I.; OZEROV, B.N.;
RIVKINA, Kh.I.; SEMENSKIY, Ye.P.; SOKOLOV, A.A.; SOLOPOV, S.G.; STRELKOV,
S.S.; TYUREMNOV, S.N.; CHULYUKOV, M.A.

Sergei Akekseevich Sidiakin. Torf.prom. 38 no.2:40 '61. (MIRA 14:3)
(Sidiakin, Sergei Alekseevich, 1897-1960)

ABKHAZI, V.I.; ANTONOV, [illegible] Ya.; BLYUMENBERG, V.V.; VARENTSOV, V.S.;
VELLER, M.A.; ZYUZIN, V.A.; IVANOV, V.N.; KUZHMAN, G.I.;
LUKIN, A.V.; MATVEYEV, A.M.; OZEROV, B.N.; PAL'TSEV, A.G.;
PEROV, N.P.; PROKHOROV, N.I.; RAKOVSKIY, V.Ye.; SEMENSKIY, Ye.P.;
SOLOPOV, S.G.; TYUREMNOV, S.N.; TSUPROV, S.A.; CHULYUKOV, M.A.

Viktor Georgievich Goriachkin; obituary. Torf.prom. 39 no.4:40 '62. (MIRA 15:7)
(Goriachkin, Viktor Georgievich, 1893-1962)

ANTONOV, V.Ya.; kand. tekhn. nauk; YENOSHEVSKIY, B.A., inzh.; YEVSEYEV, V.N., kand. tekhn. nauk

Development of new methods for milling lowland-bog peat. Izv. vys. ucheb. zav.; gor. zhur. 6 no.9:39-42 '63. (MIRA 17:1)

1. Kalininskiy torgyanoy institut. Rekomendovana kafedroy osnov tekhnologii promyshlennogo i sel'skokhozyaystvennogo torfodobyvaniya.

[illegible]

Concerning the [illegible] Inst.
no.13:[illegible]

[illegible] 17:12)

ANTONOV, V.Ya.; YEVSEYEV, V.L.; YEMSHEVSKIY, B.A.

Providing efficient methods for milling peat. Trudy Kal. torf. inst. no.13:273-284 '63. (MIRA 17:12)

SOV-128-58-7-6/20

AUTHORS: Antonov, V. Ye., and Sterlin, D.Z., Engineers

TITLE: Modernization of Electric-Resistance Melting Furnaces "TsEP-95". (Modernizatsiya plavil'nykh elektropechey soprotivleniya TsEP-95.)

PERIODICAL: Liteynoye proizvodstvo, 1958, Nr 7, pp 11-13, (USSR)

ABSTRACT: The "TsEP-95" furnaces used on automatic lines in shops producing "ZIL-150" pistons are designed for melting aluminium alloy "AL10V" and were designed in 1948 at the Design Bureau (OKB) of th trust "Elektropech'". The article describes the modernization of these 700 kg/hour melting furnaces; 32% electric energy saved, the life of heating elements considerably increased, and the metal waste in heat reduced. The furnace design before and after modernization is shown in section drawings. Changes were made on screens (for shielding the heaters from metal splash during charging), in the volume of

Card 1/2

the furnace and on different furnace parts. Detailed information on all changes and on the lining materials is given. Technical characteristic of the furnace after modernization is included. There are 7 diagrams.

1. Electric furnaces--Equipment 2. Electric furnaces--Design
3. Electric furnaces--Effectiveness

Card 2/2

ANTONOV, Yakov Andreyevich

VASIL'YEV, Nikolay Ivanovich; ANTONOV, Yakov Andreyevich; GOLOVANOV, A.L.,
inzh., red.; BOBROVA, Ye.N., tekhn.red.

[Local building materials processed by vibration mills; practices of the Roadbuilding Trust of the Turkestano-Sibirian Line] Mestnye stroitel'nye materialy na osnove vibropomola; opyt Dorstroitresta Turkestano-Sibirskoi dorogi. Moskva, Gos.transp.zhel-dor. izd-vo, 1957. 47 p. (MIRA 11:2)
(Building materials)

SMOL'YANINOV, A.A., kand. tekhn. nauk; KHROMETS, Yu. N., kand. tekhn. nauk;
ANTONOV, Ye. A., inzh.

Centrifuged prestressed contact system poles reinforced by hardened
steel. Transp. stroi. 8 no. 5:16-19 My '58. (MIRA 11:7)
(Electric lines--Poles)
(Prestressed concrete construction)

L 26726-66 EWT(1)/EWA(h)

ACC NR: AP6013511 SOURCE CODE: UR/0120/66/000/002/0119/0123

48

AUTHOR: Andryushin, N. F.; Antonov, Ye. A.; Bulatov, B. P.; Koridalin, V. Ye.; Strelkov, A. S.

41

B

ORG: Institute of Physics of the Earth AN SSSR, Moscow (Institut fiziki Zemli AN SSSR)

TITLE: A wide-range detector of light pulses 25

SOURCE: Pribory i tekhnika eksperimenta, no. 2, 1966, 119-123

TOPIC TAGS: light pulse, radiation detector, photomultiplier

ABSTRACT: A wide-range device for detecting intermittent light pulses is described. The basic element of the unit is a photomultiplier with alloyed dynodes. The output voltage pulses are taken from load resistors connected in the dynode circuits and fed to the measurement system. With the proper supply voltage and a slight correction in the voltage distribution between dynodes, there is a difference of an order of magnitude between the sensitivities of two adjacent dynodes. A detector with a linear dynamic range covering four orders of magnitude in the intensity of light pulses was made by taking the signals from four dynodes. Various types of photomultipliers were studied by modulator control of the photocurrent and by exposing the photocathode to short bursts of light. The experimental conditions and procedure are briefly described. The photomultipliers used were the FEU-13, -15 and -16 with alloyed dynodes and the

2

Card 1/2 UDC: 621.383.5:535.5

L 26726-66

ACC NR: AP6013511 /

FEU-27 and -31 with antimony-cesium coated dynodes. Both methods were used for studying the miniature FEU-15. Typical dynode output curves for this tube are given. The dynodes have a linear output range of more than 6—8 v with a 5% deviation from linearity. Formulas are given for determining signal magnitude in the linear region of the output curve for a given measurement rank, as well as for finding the sensitivity of any rank. The linearity of the dynode characteristics was studied with a direct-current component through the photomultiplier. It was found that the voltage across the dynode gap decreases as the gap approaches the anode. There is a simultaneous increase in the voltages across the dynode gaps closest to the photocathode since the total voltage across the photomultiplier remains constant. This is due to the initial increase in signal magnitude. A further increase in the anode current reduces the pulse amplitude from the dynode as a result of current limiting in the subsequent dynode gap due to the space charge. Thus there is a reduction in the difference between pulse currents in the preceding and succeeding dynode gaps. The sign of this difference may change when the anode current reaches a high enough value, with a resultant change in the polarity of the signal from the dynode. It is found that the direct current through the photomultiplier should be much less than the divider current for normal operation of the device. The authors are grateful to V. S. Yuzgin for participation in this work. Orig. art. has: 8 figures, and 2 formulas. [14]

SUB CODE: 20/ SUBM DATE: 11Mar65/ ORIG REF: 003/ ATD PRESS: 4258

Card 2/2 fv

ANTONOV, Ye.A.[Antonov, IE.A.], kand. tekhn. nauk

TSunami in a laboratory, the constructor-explosion, and the hydraulic cannon.... Znan. ta pratsia no.4:6-8 Ap '63. (MIRA 16:6)

(Akademgorodok--Hydrodynamics--Research)

ANTONOV, Ye.A., inzh.

Improving the electric equipment and circuits of d.c. trains. Elek. i tepl.tiaga no.8:29-33 Ag '63. (MIRA 16:9)

1. Proyektnyy otdel Rizhskogo elektromashinostroitel'nogo zavoda. (Electric railroads--Equipment and supplies)

KOLDOBSKIY, S.V.; SLOVINSKIY, N.A.; ANTONOV, Ye.A.; ARSHAYEV, I.S.;
ZHOKHOV, B.I.

Main highway of friendship. Avt.dor. 28 no.8:14-18 Ag '65.
(MIRA 18:11)

L 34378-66 EWT(m)/EWP(j) IJP(c) RM

ACC NR: AP6021998 SOURCE CODE: UR/0120/66/000/003/0066/0069

AUTHOR: Ipatkin, I. S.; Bulatov, B. P.; Antonov, Ye. A.

36

B

ORG: Earth Physics Institute, AN SSSR (Institut fiziki zemli AN SSSR)

TITLE: Soft x-ray detector for the 1—12 Å range

SOURCE: Pribory i tekhnika eksperimenta, no. 3, 1966, 66-69 10

TOPIC TAGS: x ray detection, x ray filter, x ray measurement

ABSTRACT: A soft x-ray detector is described which was designed to register radiation in the 1—12 Å range. The design, shown in Fig. 1, comprises the detector proper and an attached x-ray source for calibration. Detection is made by means of an FEU-15 or -16 photomultiplier using a plastic scintillator. 15 The detector is housed in a light-tight casing, except for the input window, which is covered with a thin layer of vaseline. Detected output is taken off an emitter follower for recording, etc. The detector is calibrated differentially by bombarding the scintillator from the controlled x-ray source through a series of beryllium foil filters (8) of various thicknesses. Characteristic curves for the detector are given.

Card 1/2 UDC: 621.387

L 34378-66

ACC NR: AP6021998

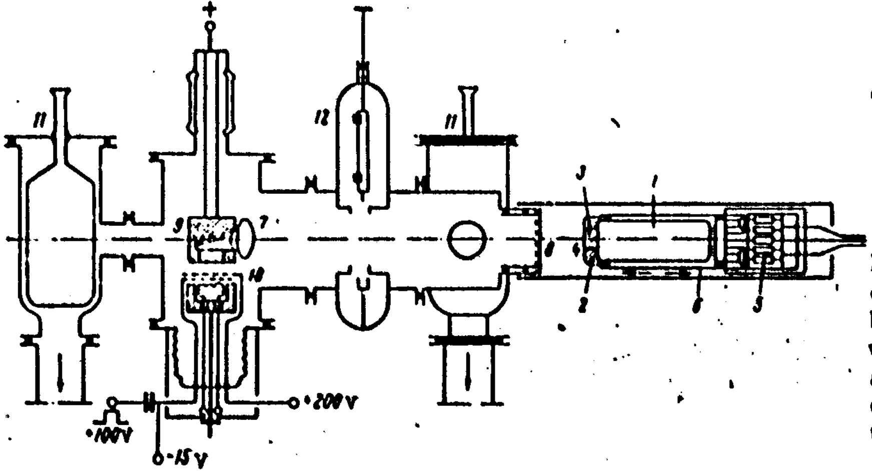

Fig. 1. Soft x-ray detector

1 - Detector window; 2 - ebonite collar; 3 - 30 mm-diameter plastic scintillator; 4 - 9-μ Be foil; 5 - voltage divider; 6 - detector housing; 7, 8 - windows with 9-μ Be foil; 9 - anode; 10 - adjustable cathode; 11 - nitrogen traps; 12 - gate.

Operation can be in a pulsed or continuous mode, and the energy range registered is from 1 to 20 kev. X-ray flux recorded over a given spectral interval is estimated accurate within 15—20%. Orig. art. has: 5 figures and 1 formula. [SH]

SUB CODE: 17, 18/ SUBM DATE: 05Apr65/ ORIG REF: 004/ OTH REF: 002/ ATD PRESS: 5034

Card 2/2

KAMYSHKOV, A.S., kand.tekhn.nauk; PETRAKOV, A.F., inzh.; ANTONOV, Ye.G., inzh.; SMIRNOV, A.G., inzh.

Use of 25KhSNVFA high-strength steel for high-pressure vessels. Svar.proizv. no.1:33-34 Ja '63. (MIRA 16:2)

(Chromium-nickel steel—Welding)
(Pressure vessels—Welding)

L 17349-63 EWP(k)/EWP(q)/EWT(m)/BDS AFFTC Pf-4 JD/HM
ACCESSION NR: AP3006477 S/0135/63/000/009/0004/0007

64

AUTHOR: Lyubavskiy, K. V. (Dr. of technical sciences, Prof.); Smirnov, A. G. (Engineer); Antonov, Ye. G. (Engineer); Yakovlev, V. A. (Cand. of technical sciences); Dubrovskiy, S. M. (Engineer); Ly*kova, Z. V. (Engineer)

TITLE: Automatic welding of 25KhSNVFA steel with induction post-heating

18 16

SOURCE: Svarochnoye proizvodstvo, no. 9, 1963, 4-7

TOPIC TAGS: high strength pearlitic 25KhSNVFA steel, carbon dioxide shielded automatic welding, automatic submerged arc welding, weld metal ductility, weld metal strength, weld metal notch toughness, weld metal microstructure, induction postheating, postheating effect, combined welding postheating unit, high pressure vessel welding

ABSTRACT: Heat-treated (hardened and tempered) 25KhSNVFA pearlitic high-strength steel [0.23—0.25% C; 0.5—0.8% Mn; 0.9—1.2% each of

Card 1/3

L 17349-63

ACCESSION NR: AP3006477

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Si, Cr, and Ni; 0.5—1.0% W, 0.05—0.15% V] sheets were welded with a carbon dioxide shielded arc and Sv-08G2S electrode wire without backup. Annealed plates 6 mm thick were submerged-arc-welded with 20KhSNVFA electrode wire and AN-15 flux [23.5% SiO_2, 21.0% Al_2O_3, 1.0% Fe_2O_3, 14.0% CaO, 9.3% MgO, 2.7% MnO, 21.3% CaF_2, 0.03% P, 0.03% S] using a copper backup plate. All welds were single-pass square-butt welds. Induction postheating was applied with an induction heater rigidly attached to the welding head at a distance of 350 or 500 mm. This distance was found experimentally and determined the weld temperature at which postheating was applied — 620K, about 20K higher than the M_s point. The heater length, 300 or 450 mm, determined duration of heating, 60 or 90 sec; the postheating temperature was 770—920K for heat-treated steel welds and 970K for annealed steel welds. It was found that in welding hardened or annealed steel, the induction postheating significantly increased the ductility of the weld metal without decreasing the strength of the joint. For example, the tensile strength of the postheated joints of heat-treated 25KhSNVFA steel plates welded with a CO_2 shielded arc varied between 112 and 120 kg/mm^2, the

L 17349-63

ACCESSION NR: AP3006477

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bend angle, between 50 and 82°, and the notch toughness, between 5 and 6 mkg/cm², compared to 117—121 kg/mm², 44—52°, and 3.4—4.2 mkg/cm² for welds not postheated. The induction-heated zone adjacent to the weld consisted of martensite, bainite, and pearlite instead of the coarse acicular martensite formed in welds without postheating. This technique has been successfully employed to fabricate industrial high-pressure vessels from 25KhSNVFA steel. The vessels consisted of three cylindrical shells with a wall thickness of 6 mm and two hemispherical end closures formed of 8 mm-thick plate welded to the cylindrical portion. The closures had welded-in central pipe connections. All welds were made with a submerged arc from both sides using 20KhSNVFA filler wire and AN-15 flux. Separate welding units with induction heaters fed by a current at 2500 cps were used for making the longitudinal, circumferential, and circular welds. Orig. art. has: 9 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 00 DATE ACQ: 30Sep63 ENCL: 00

SUB CODE: MA NO REF SOV: 002 OTHER: 000

Card 3/3

ANTONOV, Ye.G., inzh.

Cracks in the welded joints of titanium alloy structures.
Svar. proizv. no.11:25-27 N'63. (MIRA 17:5)

BAD'YANOV, B.N., inzh.; ANTONOV, Ye.G.

Production of welding fluxes on MGP-102 machines. Svar. proizv. no.8:33 Ag '64. (MIRA 17:9)

1. Moskovskiy institut elektronnogo mashinostroyeniya (for Bad'yanov).

ANTONOV, Ye.G., inzh.; KAINOVA, G.Ye., inzh.; ROGOZHKINA, [illegible].K., tekhnik

"Flexible" chamber for argon-arc welding of titanium structures. Svar.proizv. no.12:34-35 D '64. (MIRA 18:3)

L [illegible]6-66 [illegible](d)/[illegible](m)/[illegible](v)/T/[illegible]

ACC NR: AP6006332 (N) SOURCE CODE: UR/0413/66/000/002/0056/0057

AUTHOR: Yakovlev, V. A.; Dubrovskiy, S. M.; Lykova, Z. V.; Berman, A. S.; Lyubavskiy, K. V.; Antonov, Ye. O.; Smirnov, A. O.; Makhanev, V. I.; Vesenko, N. V.

ORG: none

TITLE: Device for automatic welding of hardening steels. Class 21, No. 177981

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1966, 56-57

TOPIC TAGS: automatic welding, induction welding, steel

ABSTRACT: An Author Certificate has been issued for a device for automatic welding of hardening steels. The device consists of an automatic welder and an inductor. To make it possible to control the heating rate, the welder and conductor have a movable interconnection which can by adjusted by a screw or a rod. [LD]

SUB CODE: 13/ SUBM DATE: 31Jan63/ ORIG REF: none/ OTH REF: none/

2

Card 1/1

UDC: 621.791.037:621.078.012

ANTONOV, Yu. K., SHATALOVA, A. A. (USSR)

"Content of Adrenaline and Noradrenaline in Adrenal and Brain Tissues and in the Blood of Rabbits in Convulsive States."

Report presented at the 5th Int'l. Biochemistry Congress, Moscow, 10-16 Aug 1961.

ANTONOV, Ye.N.; KUCHEROV, A. Yu.

New method for reconditioning curing chambers. Kauch. i res. 20 no.1:44-46 Ja '61. (MIRA 14:3)

1. Voronezhskiy shinnyy zavod.
(Voronezh--Tires, Rubber)(Rubber, Machinery)

ANTONOV, Yo.Ye.

Flexural center of orthotropic prismatic rods. Trudy GISI no.44: 37-49 '63. (MIRA 17:11)

ANTONOV, Ye.Ye. [Antonov, IE.IE.] (Gor'kiy)

Bending of an orthotropic cantilever having a two-connected cross section. Prykl.mekh. 8 no.3:286-293 '62. (MIRA 15:6)

1. Gor'kovskiy inzhenerno-stroitel'nyy institut.
(Beams and girders)

MILYUTIN, Ye.R., assistent; ANTONOV, Ye.Ye., inzh.

New television transmitting antenna. Vest. sviazi 23 no.5:
3-4 My '63. (MIRA 17:4)

1. Leningradskiy elektrotekhnicheskiy institut svyazi (for
Milyutin).

ANTONOV, Ye.Ye., inzh.; MILYUTIN, Ye R., inzh.

New receiving antenna for shortwave communication lines. Vest. sviazi 24 no.11:5-6 N '64. (MIRA 18:2)

1(2), 1(3), 26(5)

AUTHOR: Antonov, Yu., Designer SOV/29-58-11-6/28

TITLE: Rocket Accelerators. (Raketnyye uskoriteli)

PERIODICAL: Tekhnika molodezhi, 1958, Nr 11, pp 7 - 7 (USSR)

ABSTRACT: This brief scientific article intended for the general public is a report on the use of rocket accelerators for the launching as well as during the flight. About twenty years ago an airplane of ten tons was considered heavy. Today this is the weight of interceptor planes, and heavy planes weigh 100 tons and over. The use of catapults and take-off accelerators makes it possible to avoid building large, expensive airfields. A take-off accelerator has to possess two properties: it must be light, and it must have a lot of thrust. There are at present two types available which comply with these conditions: powder propellants and liquid-fuel rocket propellants. Powder propellants work over a short period of 10 to 15 seconds, and during this short time they develop such a thrust that a fighter plane can take off without rolling along the runway. Often, gas turbines permitting a flying speed of more than 2000 km/h are being used. This speed can even be increased by combining liquid-fuel propulsion with gas turbine propulsion. One of the

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Rocket Accelerators SOV/29-58-11-6/28

first Soviet liquid-fuel rockets propelling devices "OR-2" was designed by Engineers F.A. Tsander and A.I. Polyarnyy . It was to be used as a take-off accelerator for heavy planes. In 1933 this engine was fitted to a plane of the type "TB -1" designed by A.N. Tupolev.Test flights were extraordinarily successful. On principle it is also possible to use a liquid-fuel engine as the main engine. On February 11, 1940 the first "Raketoplan" ("rocket-plane") designed by L.S. Dushkin was launched.It was flown by the pilot F.A. Fedorov.In 1942 G. Bakhchivandzhi reached a speed of more than 900 km/h then considered enormous in a fighter also designed by L.S.Dushkin. A lot of valuable work in this field has also been done by the collective of designers under the supervision of V.P.Glushko, Member,Academy of Sciences, USSR as well as of Professors L.S. Dushkin, A.M. Isayev and others. There is 1 figure.

Card 2/2

DANOVSKIY, L.M., kand.tekhn.nauk; ANTONOV, Yu.A., inzh.

Maintenance and repair organization in sections with heavy freight traffic. Zhel.dor.transp. 42 no.10:24-26 O '60. (MIRA 13:10)
(Railroads--Maintenance and repair)

DANOVSKIY, Leonid Mechislavovich, dots., kand. tekhn. nauk; GROMOV, L.K., kand. tekhn. nauk, dotsent; ANTONOV, Yu.A., dots.; MIL'CHAKOV, K.V., inzh.; KOTYUKOV, I.A., kand. tekhn. nauk, dotsent; CHASHCHIN, N.P., inzh.; MIROSHIN, F.V., dotsent; INOZEMTSEV, A.A., inzh.; PECHUGIN. D.A., dotsent; KOVALEV, N.F., inzh.; SINKIN, P.A., inzh.; POTOTSKIY, G.I., inzh., red.; USENKO, L.A., tekhn. red.

[Track work in sections with heavy freight traffic; from the experience of the Omsk and Tomsk Railroads] Putevye raboty na gruzonapriazhennykh uchastkakh; iz opyta Omskoi i Tomskoi dorog. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 102 p. (MIRA 14:7)
(Railroads—Maintenance and repair) (Railroads—Freight)

ANTONOV, Yu.A., inzh.

Effect of "traffic intervals" on the regularity of train movements by sections. Trudy NIIZHT no.25:101-108 '61.
(MIRA 16:11)

Category : USSR/Radiophysics - Application of radiophysical methods I-12

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 2011

Author : Antonov, Yu. A.
Title : Radio Waves from the Sun and from the Galaxy

Orig Pub : Sb. statey nauch.-stud. o-va Mosk. ener. in-ta, 1956, vyp. 9, 107-118

Abstract : Survey article.

Card : 1/1

ANTONOV, Yuriy Aleksandrovich; ANTONOV, Mark Il'ich; FROLOVA,
Ye.I., ved. red.

[Electrical engineering in mining] Gornaia elektrotekhnika. Moskva, Nedra, 1965. 327 p. (MIRA 18:12)

86159

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12.9300 2311

S/193/60/000/011/001/022
A004/A001

AUTHOR: Antonov, Yu. A.

TITLE: The CPC-1 (SRS-1)8 Shaft Radio Communication System

PERIODICAL: Byulleten' tekhniko-ekonomicheskoy informatsii, 1960, No. 11, pp. 4-5

TEXT: According to a design of the Tsentral'nyy nauchno-issledovatelskiy institut Podzemshakhtostroy (Central Scientific Research Institute Podzemshakhtostroy) one of the Voronezh Sovnarkhoz enterprises manufactured in 1960 the SRS-1 radio communication system intended for the operation of a bilateral radiotelephone 8 connection between the shafts of mines under construction and the surface. Metric waves are used for communications up to 1,000 m. The radiotelephone communication system is composed of two radio transmitters, the stationary PTШ-C (1.Sh-S)8 transmitter, placed in a closed building on the surface, and the portable PTШ-H (RTSh-N)8 transmitter which can be placed at any place of the shaft. The shaft transmitter is of spark-proof execution - PBИ-1,1 (RVI-1,1), while the surface station is of standard mining execution - PH (RN). The aerial of the RTSh-S transmitter is located in the shaft under a neutral frame and connected to the transmitter by a flexible cable. The surface transmitter is connected to the telephone network and

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86159
S/193/60/000/011/001/022
A004/A001

The CPC-1 (SRS-1) Shaft Radio Communication System

power-supplied by the 127 - 220 v mains. If voltage drops lower than a definite level the transmitter is switched over to battery operation automatically. The shaft transmitter is power-supplied by a battery. The life of the battery amounts to eight hours of operation. The portable shaft transmitter weighs 7 kg. It takes only 10 - 15 minutes to get the shaft radio communication system in operation. Both receivers are remaining switched on while the shaft transmitter is underground. To exclude acoustic interferences, the RTSh-N transmitter is equipped with a laryngaphone, while the telephones are fitted with noise-suppressing caps, which makes it possible to operate the systems even at the high noise level in the shaft. There are 2 figures.

Card 2/2

TUIUFOV, L.P., kand.tekhn.nauk; ANTONOV, Yu.A., inzh.

Concerning the elements of a system for transmitting information
at long distances. Avtom., telem. i sviaz' 5 no.12:12-16 D
'61. (MIRA 14:12)
(Railroads--Communication systems) (Railroads--Signaling)

L 24041-66 EWT(d)/EEC(k)-2

ACC NR: AP6011279 SOURCE CODE: UR/0413/66/000/006/0140/0140

INVENTOR: Dionis'yev, A. I.; Shulyakovskiy, A. A.; Antonov, Yu. A.

ORG: none

34
B

TITLE: Receiver for a pulse-width telemetry system, Class 74, No. 180117

g

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 140

TOPIC TAGS: telemetry, telemetry receiver, pulse width telemetry, capacitor, measuring capacitor, memory capacitor, transformer, diode, silicon diode, ~~pulse width telemetry receiver~~

ABSTRACT: An Author Certificate has been issued for a receiver for a pulse-width telemetry system having a transformer, measuring and memory capacitors, and a leveling-circuit diode between the capacitors (see

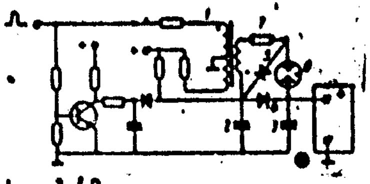

Fig. 1. Receiver for pulse-width telemetry system

1 - transformer; 2 - measuring capacitor; 3 - memory capacitor; 4 - leveling-circuit diode; 5 - silicon diode; 6 - neon tube; 7 - resistor

UDC: 621.398

Card 1/2

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L 24041-66

ACC NR: AP6011279

O

Fig. 1). To expedite leveling of the measuring and memory capacitor voltages during a decrease in input-signal amplitude, a circuit consisting of the secondary transformer winding, a resistor, and a neon tube is connected parallel to the leveling-circuit diode, while a diode for preventing firing of the neon tube during an input-signal drop is connected parallel to the secondary transformer winding and the resistor. Orig. art: has: 1 figure. [LB]

SUB CODE: 09/ SUBM DATE: 17Jun64/

Card 2/2

MASIK, M.O.

Etiology of pernicious anemia from the point of view of I.V.Pavlov's concepts. Medych.zhur. 21 no.6:77-79 '51. (MIRA 11:1)

1. Z kafedri fakul'tets'koy terapii (zav. - prof. M.L.Aviosop) Stanislavs'kogo medichnogo institutu (direktor - dotsent Yu.O. Antonov)

(ANEMIA)

[illegible]

VERKHRATSKIY, S.A., professor; SENYUTOVICH, V.F.; KOVSHAR', F.V., professor, zaveduyushchiy kafedroy; ANTONOV, Yu.G., dotsent, direktor.

Changes in the peritoneum following the administration of penicillin into the abdominal cavity. Vest.khir. 73 no.4:29-30 Jl-Ag '53. (MLRA 6:8)

1. Kafedra gospital'noy khirurgii Stanislavskogo meditsinskogo instituta (for Verkhratskiy). 2. Kafedra farmakologii Stanislavskogo meditsinskogo instituta (for Kovshar'). 3. Stanislavskiy meditsinskiy institut (for Antonov).
(Peritoneum) (Penicillin)

ANTONOV, Yu.G.

Trace elements in soils of Stanislav Province and endemic goiter. Izv.AN SSSR.Ser.biol. no.2:193-205 Mr-Ap '59.
(MIRA 12:5)

1. The Stanislav Medical Institute and Stalino Medical Institute.
(STANISLAV PROVINCE--GOITER) (MINERALS IN SOIL)

ANTONOV, Yu.; KOGAN, T.

Side by side with the physician. Sov. profsoiuzy 17 no.18:25-26 S '61. (MIRA 14:8)

1. Glavnyy vrach Moskovskoy gorodskoy klinicheskoy ordena Lenina bol'nitse imeni Botkina (for Antonov).

(Moscow--Hospitals--Administration)
(Trade unions)

ANTONOV, Yu.G., dotsent; SYROMYATNIKOVA, Ye.N.

Blood gases in cardiovascular insufficiency in mitral stenosis. Kaz. med. zhur. no.5:24-25 S-O '61. (MIRA 15:3)

1. Biokhimicheskaya laboratoriya (zav. - kand.med.nauk. K.M. Malenkova) i Khirurgicheskoye otdeleniye (zav. - doktor med.nauk P.V. Skaldin) nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya RSFSR.

(VALVE—DISEASES)
(BLOOD, GASES IN)

SHARAFEYEV, A.G.

Analysis of 314 cases of acute pancreatitis. Khirurgiia 39 no.10:64-67 O '63.
(MIRA 17:9)

1. Iz 1-y kafedry khirurgii (zav.- zasluzhennyy deyatel' nauki prof. B.S. Rozanov) TSentral'nogo instituta usovershenstvovaniya vrachey i khirurgicheskoy kliniki Moskovskiy gorodskoy ordena Lenina klinicheskoy bol'nitsy imeni Botkina (glavnyy vrach- dotsent Yu.G. Antonov).

TRAKHTENBERG, M.G.

Two cases of ovarian disgerminoma. Sov. med. 27 no.9: 115-117 S '63. (MIRA 17:6)

1. Iz 1-y kafedry khirurgii (rukovoditel' - zasluzhennyy deyatel' nauk prof. B.S. Rozanov) Tsentral'nogo instituta usovershenstvovaniya vrachey na baze klinicheskoy ordena Lenina bol'nitsy imeni S.P. Botkina (glavnyy vrach - dotsent Yu.G. Antonov).

[illegible], D.A., kand. med. nauk

Mental disorders in poisoning with organophosphoric insecticides. Sov. med. 27 no.6:120-124 Je '64.

(MIRA 18:1)

1. TSentral'nyy nauchno-issledovatel'skiy institut sudebnoy psikhiatrii imeni V.P. Serbskogo (direktor - dotsent G.V. Morozov) i Klinicheskaya ordena Lenina bol'nitsa imeni S.P. Botkina (glavnyy vrach - dotsent Yu.G. Antonov), Moskva.

PANCHENKOV, R.T.

Surgical treatment of islet-cell tumor of the pancreas causing hypoglycemia. Vest. khir. no.10:20-26 '64.

(MIRA 19 1)

1. Iz 1-y kafedry klinicheskoy khirurgii (zav. - prof. B.S. Rozanov) TSentral'nogo instituta usovershenstvovaniya vrachey (rektor - M.D. Kovrigina) Ministerstva zdravookhraneniya SSSR na baze klinicheskoy bol'nitsy imeni Botkina (glavnyy vrach - dotsent Yu.G. Antonov), Moskva.

SADYKHOV, [illegible], kand. med. nauk; ZHU[illegible]

Complications during the clinical use of muscl relaxants. Azerb. med. zhur. 41 no.1:22-31 Ja '64. (MIRA 17:1[illegible])

1. Iz kafedry anesteziologii (zav. - dotsent Ye.A.Damir) TSentral'nogo instituta usovershenstvovaniya vrachey (direktor - M.D.Kovrigina) i ordena Lenina bol'nitsy imeni Botkina (glavnyy vrach - Yu.G.Antonov).

[illegible]